



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/031,505

DATE: 02/07/2002

TIME: 09:50:25

Input Set : A:\EP.txt

Output Set: N:\CRF3\02072002\J031505.raw

ENTERED

4 <110> APPLICANT: Braun et al.
6 <120> TITLE OF INVENTION: Conjugate for Mediating Cell-Specific, Compartment-Specific
or Membrane-
7 Specific Transport of Active Substances
9 <130> FILE REFERENCE: K 3030
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/031,505
C--> 12 <141> CURRENT FILING DATE: 2002-01-15
14 <150> PRIOR APPLICATION NUMBER: DE 199 33 492.7
15 <151> PRIOR FILING DATE: 1999-07-16
17 <160> NUMBER OF SEQ ID NOS: 13
19 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 16
24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of the artificial sequence: Transport Mediator
30 <400> SEQUENCE: 1
32 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
33 1 5 10 15
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 29
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
45 <400> SEQUENCE: 2
48 Met Met Ser Phe Val Ser Leu Leu Leu Val Gly Ile Leu Phe Trp Ala
49 1 5 10 15
51 Thr Glu Ala Glu Gln Leu Thr Lys Cys Glu Val Phe Gln
52 20 25
56 <210> SEQ ID NO: 3
57 <211> LENGTH: 4
58 <212> TYPE: PRT
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
64 <400> SEQUENCE: 3
66 Lys Asp Glu Leu
67 1
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 25
72 <212> TYPE: PRT
73 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/031,505

DATE: 02/07/2002

TIME: 09:50:25

Input Set : A:\EP.txt

Output Set: N:\CRF3\02072002\J031505.raw

```

75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
78 <400> SEQUENCE: 4
80   Met Leu Ser Leu Arg Gln Ser Ile Arg Phe Phe Lys Pro Ala Thr Arg
81   1               5               10              15
83   Thr Leu Cys Ser Ser Arg Tyr Leu Leu
84   20              25
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 8
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
95 <400> SEQUENCE: 5
98   Pro Pro Lys Lys Lys Arg Lys Val
99   1               5
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 7
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
111 <400> SEQUENCE: 6
114   Pro Lys Lys Lys Arg Lys Val
115   1               5
118 <210> SEQ ID NO: 7
119 <211> LENGTH: 3
120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
127 <400> SEQUENCE: 7
129   Ser Lys Leu
130   1
134 <210> SEQ ID NO: 8
135 <211> LENGTH: 8
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial Sequence
139 <220> FEATURE:
140 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide
142 <400> SEQUENCE: 8
144   Gly Ser Ser Lys Ser Lys Pro Lys
145   1               5
149 <210> SEQ ID NO: 9
150 <211> LENGTH: 9
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of the artificial sequence: Address Peptide

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/031,505

DATE: 02/07/2002

TIME: 09:50:25

Input Set : A:\EP.txt

Output Set: N:\CRF3\02072002\J031505.raw

```

157 <400> SEQUENCE: 9
159     Lys Lys Lys Lys Arg Lys Arg Glu Lys
160     1                               5
163 <210> SEQ ID NO: 10
164 <211> LENGTH: 14
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Description of the artificial sequence: part of a PNA
171 <400> SEQUENCE: 10
173 tactgcgact ccgg                14
176 <210> SEQ ID NO: 11
177 <211> LENGTH: 12
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of the artificial sequence: part of a PNA
184 <400> SEQUENCE: 11
186 ttaaggaggc tc                12
189 <210> SEQ ID NO: 12
190 <211> LENGTH: 11
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence
194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of the artificial sequence: Transport Mediator
197 <400> SEQUENCE: 12
200 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg
201 1                               5                10
203 <210> SEQ ID NO: 13
204 <211> LENGTH: 12
205 <212> TYPE: PRT
206 <213> ORGANISM: Artificial Sequence
W--> 207 <220> FEATURE:
208 <223> OTHER INFORMATION: Description of the artificial sequence: Transport Mediator
210 <400> SEQUENCE: 13
213 Met Thr Arg Gln Thr Phe Trp His Arg Ile Lys His
214 1                               5                10

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/031,505

DATE: 02/07/2002

TIME: 09:50:26

Input Set : A:\EP.txt

Output Set: N:\CRF3\02072002\J031505.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:207 M:283 W: Missing Blank Line separator, <220> field identifier